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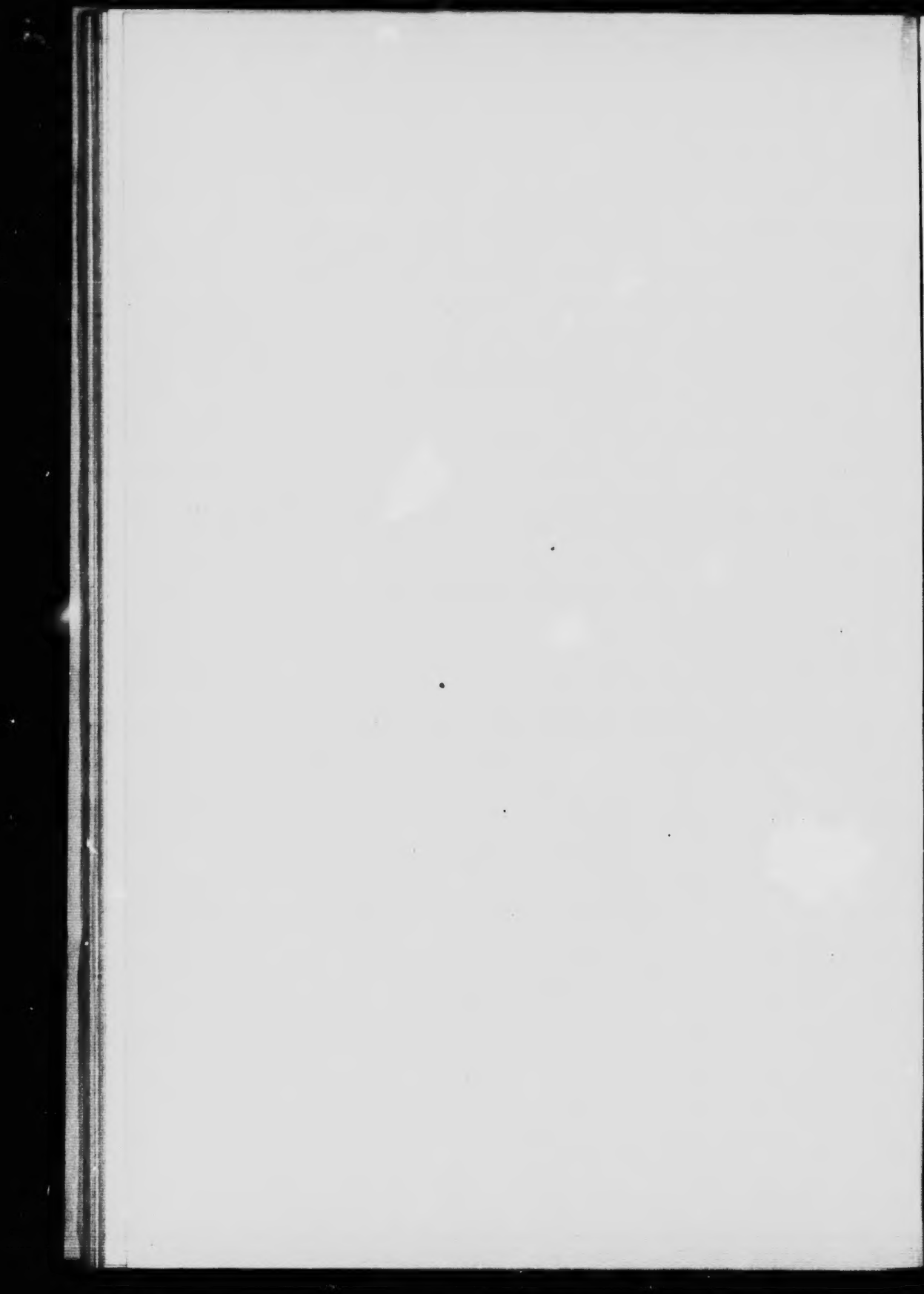
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN, No. 103

PEPPERS



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PEPPERS

OTTAWA, March 22, 1905.

WM. HINSWORTH, Esq.,
Acting Deputy Minister.

SIR,—I beg to submit herewith tabulated statements showing the results of examining black and white peppers collected in the month of February last, in accordance with the instructions contained in your letter dated the 1st of that month. The following summary shows where the samples were collected and in what numbers and classifies them, also in reference to their purity:—

	District.	Genuine.	Doubtful.	Adulterated.	Total.
Black Peppers..	Nova Scotia	4	0	0	4
	Prince Edward Island	1	0	0	1
	New Brunswick	2	1	2	5
	St. Hyacinthe	0	0	7	7
	Montreal	3	0	6	9
	Kingston	2	1	4	7
	Toronto	2	3	4	9
	London	5	0	2	7
	Manitoba	1	1	3	5
	British Columbia	2	1	3	6
		22	7	31	60
White Peppers..	Nova Scotia	3	0	0	3
	Prince Edward Island	1	0	0	1
	New Brunswick	1	0	1	2
	St. Hyacinthe	0	0	3	3
	Montreal	0	1	2	3
	Kingston	3	0	0	3
	Toronto	1	2	0	3
	London	2	0	1	3
	Manitoba	1	0	1	2
	Calgary	0	0	1	1
	British Columbia	1	0	1	2
		13	3	10	26
Both sorts.		35	10	41	86

From these figures it will be seen that 47·7 per cent of the samples collected were found to be adulterated and only 40·7 per cent undoubtedly genuine.

I have the honour to be, sir,

Your obedient servant,

THOMAS MACFARLANE,

Chief Analyst.

RESULTS of examining Black and White Peppers.

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost.	Total Ash.	Microscopic Examination.	Opinion by A. McGill.
1906.			<i>District of Nova Scotia.</i>	pkts. c.	p. c.		
Feb. 21.	Black Pepper.	29257	J. P. Mott & Co., Halifax.	3	4 50	Pepper tissue only.	Genuine.
" 21.	"	29258	The E. S. Tracey Mfg. Co., Halifax.	" 20	5 20	"	"
" 21.	"	29259	W. H. Schwartz & Sons, Halifax.	" 21	3 84	"	"
" 21.	"	29271	C. S. Davis, Halifax.	" 27	4 76	"	"
Feb. 23.	Black Pepper.	24421	<i>District of Prince Edward Island.</i> Beer & Goff, Charlottetown.	1 lb.	5 00	Pepper tissue only.	Genuine.
Feb. 8.	Black Pepper, Reindeer Brand.	23428	<i>District of New Brunswick.</i> Baied & Peters, Ward St., St. John.	3 1 lb. 18	4 70	Pepper tissue only.	Genuine.
" 15.	Black Pepper.	23573	E. M. Goring, Water St., St. Stephen's.	" 30	5 92	Wheat flour and foreign tissue.	Adulterated.
" 16.	"	23575	E. M. Hoban, York St., Fredericton.	" 25	4 20	Pepper tissue only.	Genuine.
" 22.	"	23577	Carleton & McArthur, Broad St., Sussex.	" 21	4 82	Wheat starch and foreign tissue.	Adulterated.
" 23.	"	23880	Steeves & Allanach, Main St., Moncton.	" 25	5 14	A little wheat starch and some stamens cells.	Doubtful.
Feb. 15.	Black Pepper.	24641	<i>District of St. Hyacinthe.</i> Jos. Dauphinais, Village St. Hilaire.	1 lb. 20	15 81	Foreign tissues and dirt.	Adulterated.
" 15.	" Arrow Brand.	24642	E. Ferras, St. Lambert.	" 35	12 48	"	"
" 15.	"	24643	A. Fossy, St. Jean, Que.	" 21	14 38	"	"
" 15.	"	24644	L. Morvan, St. Jean, Que.	" 20	15 76	"	"
" 15.	"	24645	Buzzle Bros., Cowansville.	" 30	5 78	Wheat and maize starch.	"
" 15.	"	24646	C. A. Bright, Sweetburgh.	" 22	5 20	"	"
" 15.	"	24647	C. H. Bright, Sweetburgh.	" 22	5 44	Maize and other starches.	"
Feb. 21.	Black Pepper.	23316	<i>District of Montreal.</i> Julien Niding, 228 Rachel St., Montreal.	1 lb. 35	14 42	Wheat and buckwheat starch, stamens cells and dirt.	Adulterated.

RESULTS of examining Black and White Peppers—Continued.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cust.	Total Ash.	Microscopic Examination.	Opinion by A. McGill.
1904.			<i>District of Montreal—Concluded.</i>	lb. c.			
Mar. 21	Black Pepper	25317	J. Chatriand, 314 Rachel St., Montreal	1 lb. 20	6.14	Pepper tissues only	Genuine.
" 21	"	25318	J. H. Mantha, 434 Rachel St., Montreal	" 25	6.72	Charcoal stone cells and dirt	"
" 22	"	25319	M. Rosenthal, 149 Vitre St., Montreal	" 22	13.09	Foreign tissues and dirt	Adulterated.
" 22	"	25320	T. H. Mallette, 536 Lagachebriere.	" 20	16.50	"	"
" 22	"	25321	B. Ram & Co., 115 St. Dominique.	" 40	15.15	Pepper tissues and dirt	"
" 22	"	25322	R. Jacobson, 112 St. Dominique.	" 40	10.40	Pepper tissues only	Genuine.
" 22	"	25323	Jos. Monton, 35 Hotel de Ville.	" 25	4.74	Foreign matter, various	Adulterated.
" 22	"	25324	T. J. Mallette, 1618 Ontario St.	" 20	15.92		
			<i>District of Kingston.</i>				
Feb. 8	Black Pepper.	25341	C. B. McLean, 157 Bank St., Ottawa.	1 lb. 30	4.78	A little wheat starch	Doubtful
" 8	"	25343	W. J. Eastcott, 209 Bank St., Ottawa.	" 30	10.94	Wheat flour, stone cells and dirt	Adulterated
" 8	"	25345	P. D. Herbert, 252 Bank St., Ottawa.	" 30	4.78	Pepper tissue only	Genuine.
" 9	"	25346	James Sutherland, Perth, Ont.	" 30	3.12	A little wheat starch and some other foreign matter	Adulterated
" 9	"	25347	J. H. Mendels, Perth, Ont.	" 30	5.30	Pepper tissue only	Genuine
" 10	"	25348	J. Halligan & Co., Brock St., Kingston.	" 20	3.20	Wheat and maize starch and foreign tissues	Adulterated
Feb. 10.	Black Pepper	25349	D. J. Gillies, Perth St., Cornwall.	1 30	4.10	Wheat Maize, Starch and foreign tissues.	Adulterated
			<i>District of Toronto.</i>				
Feb. 15.	Black Pepper.	25360	G. W. Urmy, 366 King St. E., Toronto.	1 30	3.12	Wheat flour and foreign tissues	Adulterated
" 15.	"	25361	J. H. Greenhields, 300 King St. E. Toronto.	1 25	4.56	Pepper tissues only	Genuine
" 15.	"	25362	J. & W. McFarren, 214 Queen St. E. Toronto	1 30	4.54	Pepper tissues with some foreign tissues	Doubtful
" 15.	"	25363	Wm. Forster, 104 Queen St. E. Toronto	1 25	4.42	A little foreign tissue	"
" 15.	"	25364	Kelly Bros., 90 Queen St., E. Toronto.	1 25	2.94	Wheat starch and foreign tissue	Adulterated
" 16.	"	25365	C. H. Crysdale & Son, Simcoe St., Oshawa.	1 30	5.92	Pepper tissue and some foreign tissue	Doubtful

"	16..	"	25366	M. C. Devins, Simcoe St., Oshawa.	1 30	3 84	Pepper tissues only	Genuine
"	17..	"	25367	Battram & Co., 116 King St., Hamilton	1 30	2 84	Wheat flour and foreign tissues	Adulterated
"	17..	"	25368	G. Philip, 30 McNab St., Hamilton	1 25	10 08	Wheat flour and foreign tissues	"
<i>District of London.</i>								
Feb.	8..	Black Pepper	22232	W. J. Norfolk, Stratford	1 25	5 04	Stone cells and foreign tissue	Adulterated
"	9..	"	22236	C. H. Lee, Dundas St., London	1 10	4 24	Pepper tissues only	Genuine
"	9..	"	22238	Canada Spice & Grocery Co., London	1 19	3 94	"	Genuine
"	9..	"	22239	John McCorbin & Son, Chatham	1 30	4 36	"	Genuine
"	10..	"	22242	Messrs. Chene Bros., Windsor, Ont	1 30	4 06	Wheat flour and foreign tissues	Adulterated
"	13..	"	22246	P. F. Dean, Goderich	1 25	3 92	Pepper tissues only	Genuine
"	13..	"	22247	Chas. Andrews, Seabrook	1 25	4 48	"	Genuine
<i>District of Manitoba.</i>								
Feb.	16..	Black Pepper	22945	S. Mitchell, Brandon, Ma	4 20	4 84	Wheat flour and stone cells	Adulterated
"	18..	"	22949	Cambell Bros. & Wilson, Winnipeg	4 10	9 27	Stone cells—Dirt etc.	"
"	18..	"	22950	Blue Ribbon Mfg. Co., Winnipeg	4 10	5 36	Pepper tissues only	Genuine
"	18..	"	22951	Cordville & Co. Winnipeg	4 10	7 19	Foreign tissues and dirt	Adulterated
<i>District of Calgary.</i>								
Feb.	15..	"	21780	Canada Grocers Ltd., J. Turner & Co., Calgary	3 20	4 42	Pepper tissues and a little wheat starch	Adulterated
<i>District of British Columbia.</i>								
Feb.	14..	Black Pepper	24955	W. Braid, Vancouver, B. C.	3 50	5 46	Pepper tissues only	Genuine
"	16..	"	24957	J. McTaggart, 813 Granville St., Vancouver	3 30	5 58	A little wheat flour	Adulterated
"	17..	"	24959	H. A. Howell & Co., 802 Granville St., Vancouver	3 30	5 16	Foreign matter various	Adulterated
"	17..	"	24960	" " " " " "	3 30	5 14	Wheat flour	"
"	18..	"	24966	Empress Mfg. Co., Vancouver, B. C.	3 30	5 14	Foreign matter various	"
"	18..	"	24967	H. A. Esgeil & Co., Vancouver, B. C.	3 30	5 72	Pepper tissues only	Genuine
<i>District of Nova Scotia.</i>								
Feb.	21..	White pepper	20270	W. H. Schwartz & Sons, Halifax	3 30	0 96	Pepper tissues only	Genuine
"	21..	"	20274	C. E. Cheat & Co., Halifax, N.S.	"	0 96	"	"
"	28..	"	20278	E. M. Walker, Dartmouth, N.S.	"	1 24	"	"
<i>District of Prince Edward Island.</i>								
Feb.	23..	White pepper	24119	Jenkins & Son, Charlottetown	4 20	1 20	Pepper tissues only	Genuine

RESULTS of examining Black and White Peppers—*Concluded.*

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost.	Total Ash.	Microscopic Examination.	Opinions by A. McGill.
1904.							
Feb. 9.	White pepper.	23489	District of <i>New Brunswick.</i> Earnest E. McMichael 23879 King Asbell & Co., Station St., Sussex.	pkts. c.	p. c.	Pepper tissues only. Maize Starch, stone cells and other foreign tissue.	Genuine. Adulterated.
" 22.	"	23879		3 24 " 39	2 14 2 94		
Feb. 15.	White pepper.	24648	District of <i>St. Hyacinthe.</i> Jos. Pigeon, Beloeil, Que.	1 lb. 35	6 04	Stone cells and other foreign tissue.	Adulterated.
" 15.	"	24649		" 30	2 62	Wheat and other foreign starch.	"
" 16.	"	24650		" 25	2 02	Maize and wheat starch.	"
District of <i>Montreal.</i>							
Feb. 21.	White pepper	25325	Julien Niding, 258 Rachel St., Montreal.	1 40	2 14	Stone cells and other foreign tissues.	Adulterated.
" 21.	"	25326	E. Venne, 319 Rachel St., Montreal.	" 35	1 98	Pepper tissue and some foreign starch.	Doubtful.
" 22.	"	25327	B. Ram & Co., 115 St. Dominique.	" 40	2 32	Wheat starch and foreign tissue.	Adulterated.
District of <i>Kingston.</i>							
Feb. 8.	White pepper.	25340	C. B. McLean, 137 Bank St., Ottawa.	1 40	1 04	Pepper tissues only.	Genuine.
" 8.	"	25342	W. J. Eastcott, 269 Bank St., Ottawa.	1 40	4 68	"	"
" 8.	"	25344	P. D. Herbert, 232 Bank St., Ottawa.	" 40	1 08	"	"
District of <i>Toronto.</i>							
Feb. 15.	White pepper.	25369	G. W. Urmy, 366 King St., E. Toronto.	1 40	3 52	A little wheat flour with pepper.	Doubtful.
" 15.	"	25370	J. H. Greenhields, 300 King St., E. Toronto.	1 35	1 04	Pepper tissue and some wheat starch.	"
" 15.	"	25371	J. & W. McFarren, 214 Queen St., E. Toronto.	1 40	1 12	Pepper tissue only.	Genuine.

Feb. 8.	White pepper.....	22234	F. W. Hutton, St. Mary's, Ont.....	1	40	1.70	Pepper tissue wheat starch and stone cells.....	Adulterated.
" 9.	"	22237	J. M. Wardell, Dundas St., London.....	"	40	3.40	Pepper tissues only	Genuine.
" 13.	"	22247	J. J. McEwan, Goderich.....	"	40	1.18	"	"
<i>District of Manitoba.</i>								
Feb. 16.	White pepper.....	23044	A. M. Percival, Brandon.....	$\frac{1}{2}$	15	1.00	Pepper tissues only	Genuine.
" 17.	"	23046	T. A. Newman & Bro., Portage La Prairie.....	"	20	2.74	Wheat flour, etc.....	Adulterated.
<i>District of Calgary.</i>								
Feb. 13.	White pepper.....	21788	Medicine Hat Trading Co.....	3 tins	30	2.16	Pepper tissues and wheat starch.....	Adulterated.
<i>District of British Columbia.</i>								
Feb. 17.	White pepper King Brand	24962	The Dominion Grocery, 73 Water St., Vancouver.	$3\frac{1}{2}$ lb	30	1.14	Pepper tissues only	Genuine.
" 18.	"	24968	H. A. Fagett & Co., Vancouver, B.C.....	"	"	1.50	Maize and wheat starch, etc.....	Adulterated.